Contents of Volume 117

Research Articles

R. S. Blanquet, D. Emanuel and T. A. Murphy (U.S.A.)
Suppression of exogenous alanine uptake in isolated zooxanthellae by cnidarian host homogenate fractions: species and symbiosis specifity (JEM 01041) 1
C. M. Young (U.S.A.)
Ascidian cannibalism correlates with larval behavior and adult distribution (JEM 01042) 9
D. J. Crisp and S. Standen (U.K.)
Lasaea rubra (Montagu) (Bivalvia: Erycinacea), apomictic crevice-living bivalve with clones separated by tidal level preference 27
J. H. Dominguez and M. L. Reaka (U.S.A.)
Temporal activity patterns in reef-dwelling stomatopods: test of alternative hypotheses (JEM 01044) 47
B. N. Tissot (U.S.A.)
Morphological variation along intertidal gradients in population of *Haliotis cracherodii* Leach 1814 (JEM 01045) 71
J. L. Bell (U.S.A.)
Distribution and abundance of *Dissodactylus mellitae* Rathbun (Pinnotheridae) on *Melitta quinquiesperforata* (Leske) (Echinodermata) (JEM 01046) 93
G. P. Quinn (Australia)
Ecology of intertidal *Siphonaria diemenensis* Quoy *et* Gaimard. I. Population dynamics and availability of food (JEM 01047) 115
G. P. Quinn (Australia)
Ecology of intertidal *Siphonaria diemenensis* Quoy *et* Gaimard. II. Reproduction patterns and energetics (JEM 01048) 137
A. R. Davis (Australia)
Effects of variation in initial settlement on distribution and adundance of *Podoclavella moluccensis* Sluiter (JEM 01049) 157
K. Walters (U.S.A.)
Diel vertical migration of sediment-associated meiofauna in subtropical sand and seagrass habitats (JEM 01050) 169
T. S. Klinger, S. A. Watts and D. Forcucci (U.S.A.)
Effect of short-term feeding and starvation on storage and synthetic capacities of gut tissues of *Lytechinus variegatus* (Lamarck) (Echinodermata: Echinoidea) (JEM 01051) 187
A. J. Berry (U.K.)
Annual cycle of *Retusa obtusa* (Montagu) (Gastropoda, Opisthobranchia) of reproduction, growth, and predation upon *Hydrobia ulvae* (Pennant) (JEM 01052) 197
U. N. Safriel and Z. Sasson-Frostig (Israel)
Can colonizing mussel outcompete indigenous mussel? (JEM 01053) 211
J. L. Bodkin (U.S.A.)
Effects of kelp forest removal on associated fish assemblages in central California (JEM 01054) 227
R. B. Griffis and F. L. Chavez (U.S.A.)
Effects of sediment type on burrows of *Callianassa californiensis* Dana and *C. gigas* Dana (JEM 01055) 239
M. M. B. Talbot, J. G. C. Small and G. C. Bate (South Africa)
Spatial patterns of N fixation (acetylene reduction) along environmental gradients in a warm–temperate estuary (JEM 01056) 255

CONTENTS OF VOLUME 117

T. Brey, H. Rumohr and S. Ankar (F.R.G., Sweden)
Energy content of macrobenthic invertebrates: general conversion factors from weight to energy (JEM 01057) 271

Short Communication

M.D. Keller, W.K. Bellows and R.R.L. Guillard (U.S.A.)
Microwave treatment for sterilization of phytoplankton culture media (JEM 01058) 279

Author Index of Volume 117 285